

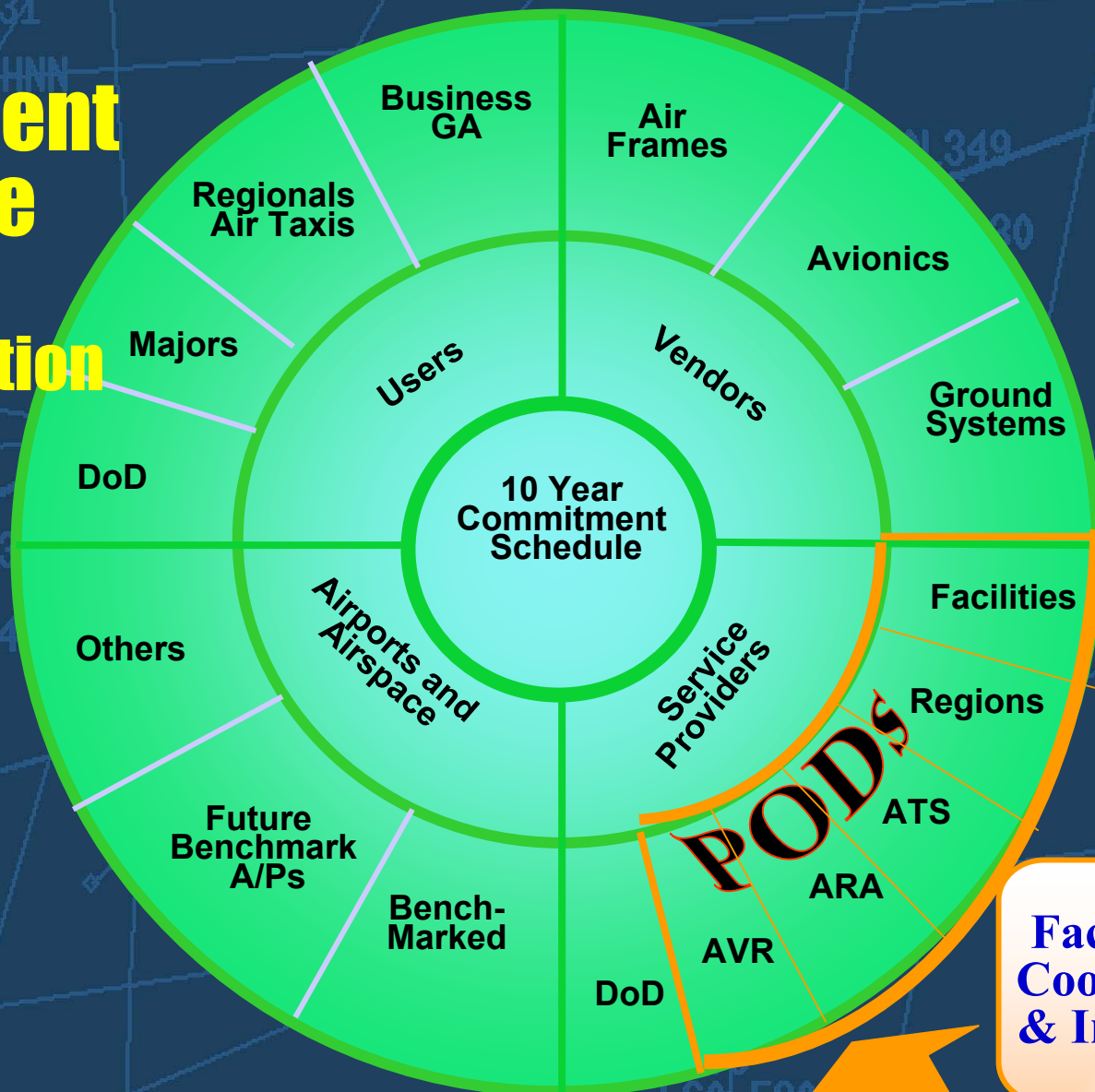


Regional Questions

- ✓ What are the OEP solutions that are coming to my region and when?
- ✓ What is required from my region to make this solution successful? What do I need? What do I have?
- ✓ How are each of these solutions linked to existing NAS programs, other OEP solutions and other non-OEP solutions and other programs?
- ✓ Are there other OEP solutions that could potentially impact my region even though they are not coming to my region?

OEP Commitment Assurance

Implementation / Resource Integration



**Facilitate,
Coordinate
& Integrate**

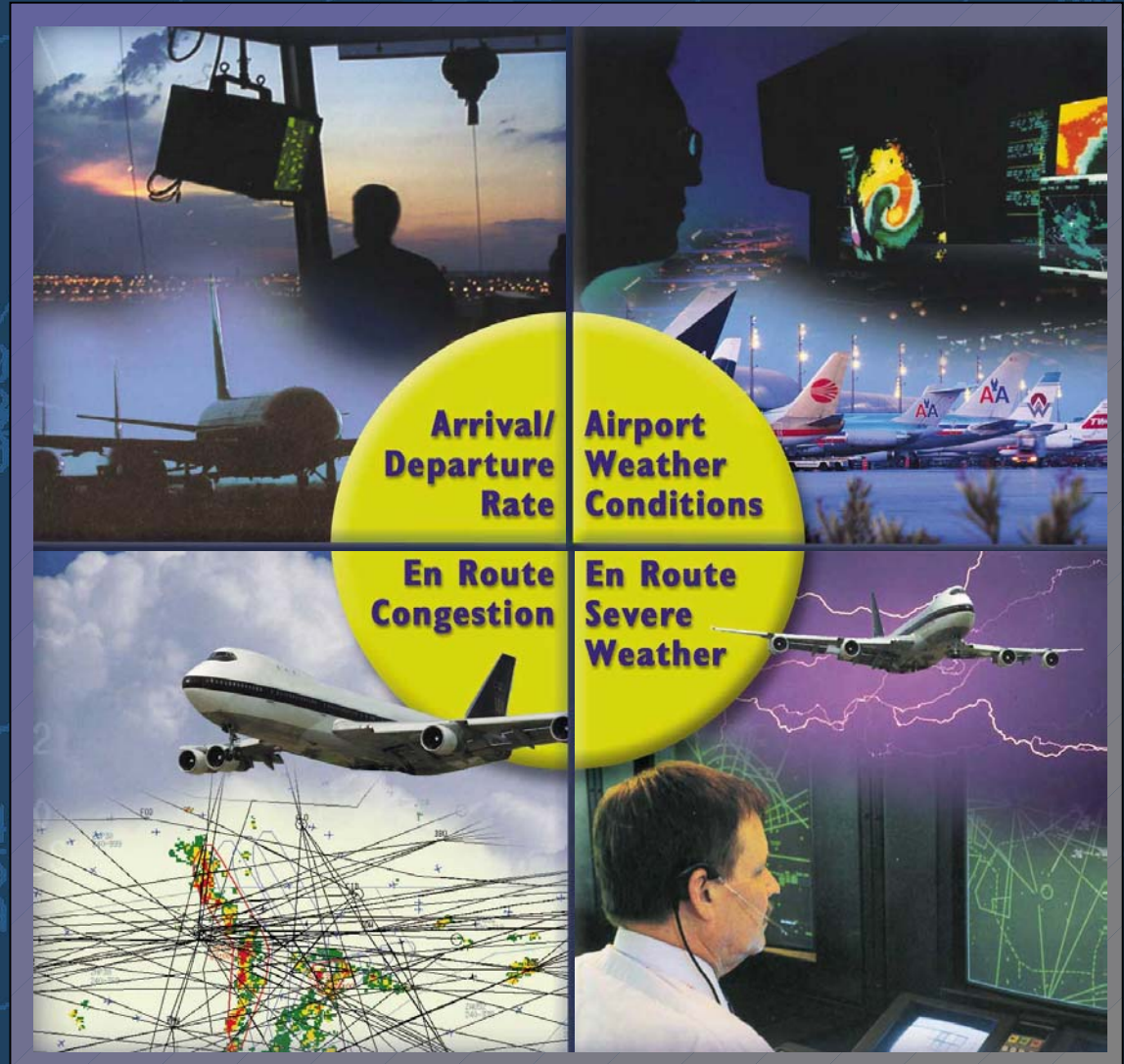
Operational Evolution Plan

Industry Day Briefing 12/09/02

Challenges — Equipage

Ardy Williams

Operational Evolution Staff





The Challenge of Equipage

Two Aircraft
Vastly
Different
Capabilities



Both aircraft can operate in the
National Airspace System
– Instrument Flight Rules –
to the same airports in the
same weather



RTCA Tasking

The RTCA Concept of Equipage Working Group was formed and tasked to:

- ✓ **Develop a list of equipment needed**
- ✓ **Look into the availability of the equipment**
- ✓ **Recommend grouping and sequence of avionics**
- ✓ **All by August of 2002**



RTCA Conclusions

- ✓ Of 39 solution sets 11 could affect aircraft equipage
- ✓ Four broad categories:
 - ❑ Domestic Reduced Vertical Separation (DRVSM)
 - ❑ Random Navigation (RNAV)
 - ❑ Controller Pilot Data Link Communications (CPDLC)
 - ❑ Future Air Navigation System 1 / Airbus (FANS1/A).



Next Steps

- ✓ Scope of The Concept of Equipage
- ✓ Equipage Variations
- ✓ Differences



A Successful Concept of Equipage

- ✓ Cooperation between industry and government to identify systems of value
- ✓ Agreement on implementation plans and mutual commitment to airborne and ground equipage timelines

Agenda



Noon	Welcome and Introductions V5.0 Snapshot	Amr ElSawy
1220	Accomplishments, Experience and Performance • Recognize PODs	Gisele Mohler Andy Anderegg Bob Swensson
1335	Break	
1350	Metrics Report	Cynthia Morris
1405	OEP Challenges • Integrated Schedules • Equipage	Charlie Keegan • Mamie Mallory • Ardy Williams
1455	Break	
1510	Looking Ahead to v6.0 Process, Timing, Milestones	Bob Lamond
1520	Questions and Answers Wrap-up	Charlie Keegan Other Associates Col. S. Atkins

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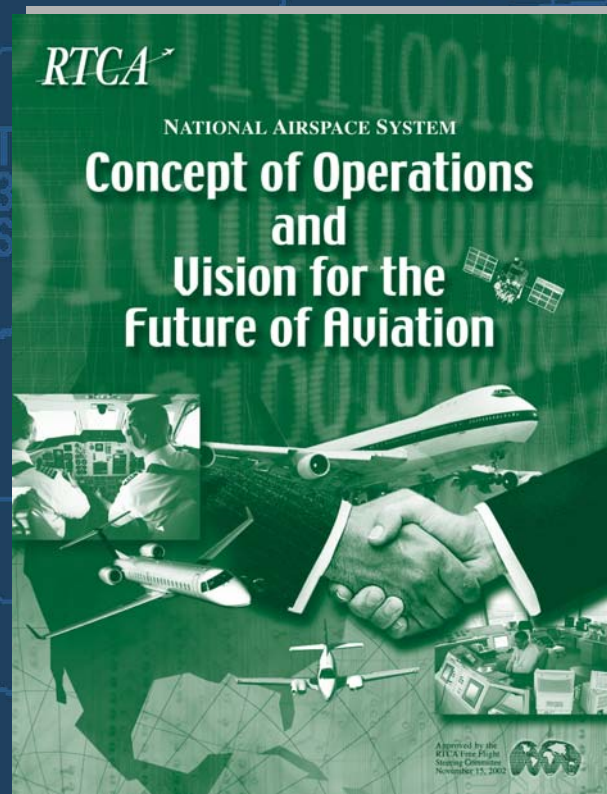
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12/09/02

Looking Ahead to OEP V.6

Bob Lamond
Co-Chairman RTCA
OEP Working Group
and National
Business Aviation
Association

Lorne Cass
Co-Chairman RTCA
OEP Working Group
and Northwest
Airlines



RTCA Free Flight Select Committee OEP Working Group



✓ August 2002 Free Flight Steering Committee

- ❑ Document approved: *Recommendations Regarding the Concept of Equipage and Mandated versus Voluntary Considerations*

- ❑ Guidance to Select Committee: *Work with the FAA to obtain the added detail needed to complete the Concept of Equipage task*

✓ FAA Requested Comments on OEP v5.0 “Smart Sheets”

- ❑ High level comments complete and posted to RTCA web site

RTCA Free Flight Select Committee OEP Working Group



Process, Timing, Milestones

- ✓ Industry cross section met regularly with FAA from Sep – Nov
- ✓ Will resume in Jan/Feb timeframe
- ✓ “In-depth” drill down of Solution Sets after “standardization” applied
- ✓ Spring ‘03 target date for added detail to support equipage recommendations for the first Solution Set; others to follow after that consistent with the RTCA OEP Working Group participants’ capability to support meetings.

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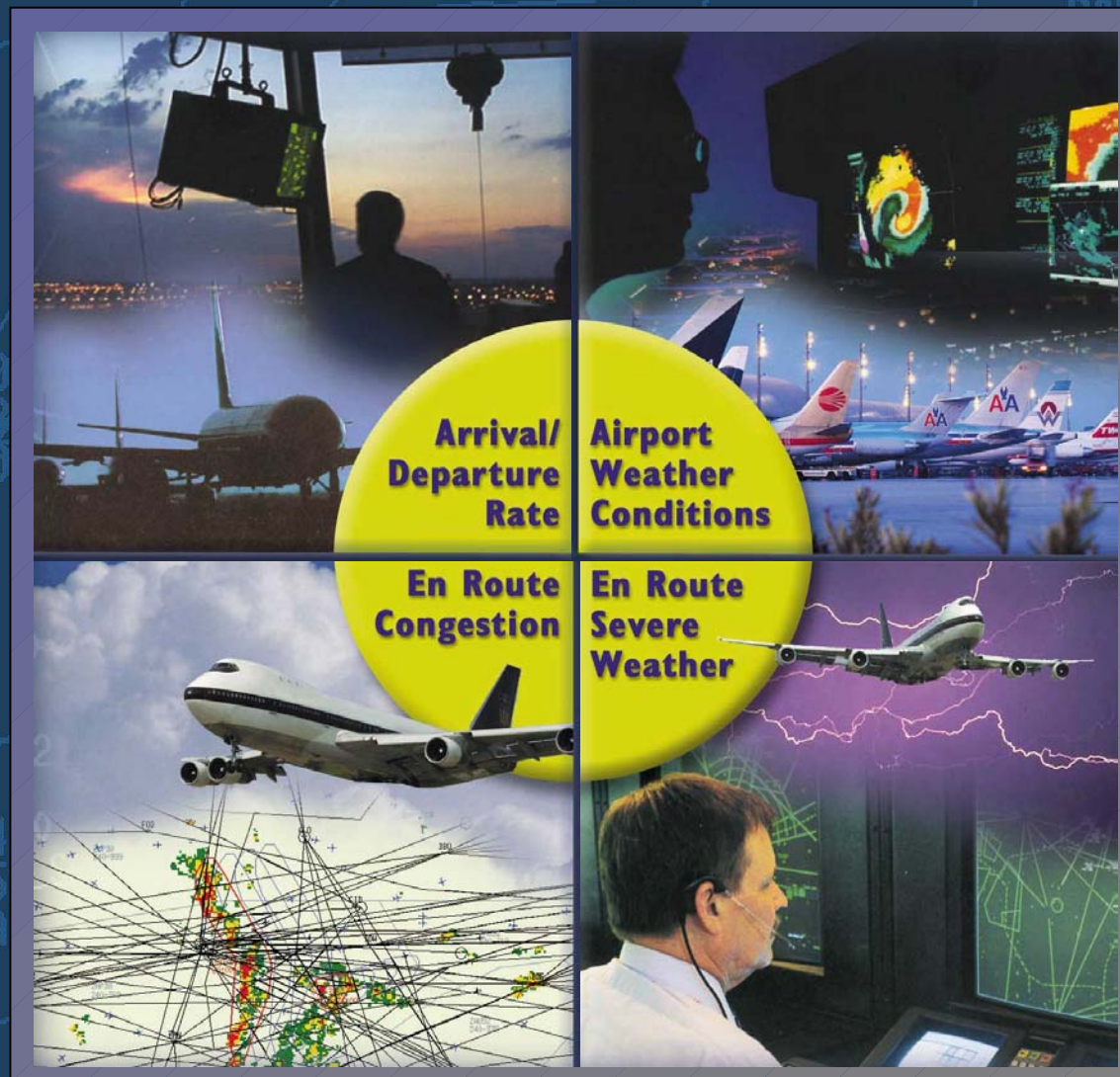
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Q&A

Charlie Keegan

FAA Associate
Administrator
Research &
Acquisitions and
Director
Operational
Evolution Staff



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Thank you
for your time
and
commitment

